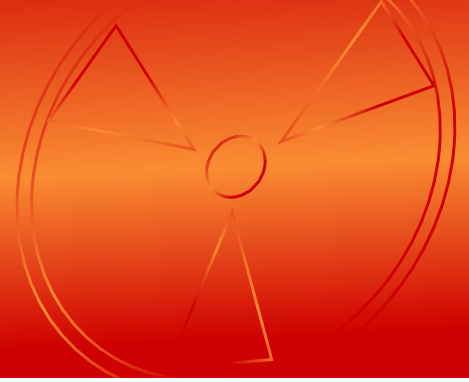


Spotlight:

PDFreactor

by RealObjects



HTML and XML to PDF conversion made easy!

RealObjects PDFreactor is a powerful formatting processor for converting XML and XHTML/HTML documents into PDF. It uses Cascading Style Sheets (CSS) to define page layout and styles. The server-side tool enables a great variety of applications in the fields of ERP, eCommerce and Electronic Publishing.

It allows you to dynamically generate PDF documents such as invoices, delivery notes and shipping documents on-the-fly. Fully integrated clean-up processes also enable the processing of legacy HTML web content. PDFreactor allows you to easily add server-based PDF generation functionality to your application or service. Since PDFreactor runs on a server, the end-user in general does not need any software other than a free PDF viewer.

RealObjects



Headquartered in Saarbrücken, Germany, RealObjects is a manufacturer of standards-oriented, cross-platform software tools for content authoring and electronic publishing.

PDFreactor is a practical choice for software architects, developers and Web designers looking for a cross-platform, easy to deploy, cost-effective XML and XHTML/HTML printing solution that does not require any XSL-FO skills to quickly achieve great looking results. It offers comprehensive features such as:

Remarkable What-You-See-Is-What-You-Print functionality

Compared to other formatter or printing over the Web using a browser, PDFreactor provides real What-You-See-Is-What-You-Print functionality to your application. So, users won't be disappointed by unsatisfactory print results while you can offer unmatched print capabilities.

Multi-channel publishing with CSS

RealObjects PDFreactor enables multi-channel publishing using CSS for styling XML and XHTML/HTML documents to be published in print or on the Web. You have to deal with one style sheet and consequently one style language only. Streaming the output either to print media or over the Web just requires the definition of two media types within the CSS.

To achieve the same result with the transformation-based processing model of XSL/XSL-FO, you need two different style sheets in two different style languages. CSS for publishing on the Web, XSL/XSL-FO for publishing in print.

For more information about the differences between the styling-based processing model of CSS and the transformation-based processing model of XSL/XSL-FO, please review the section CSS vs. XSL.

Extensive PDF output

- Hyperlinks and bookmarks
- Document security, e.g. disable printing, modifications or extracting of content, lock PDF with a password
- 40-bit/128-bit encryption
- True Type and Open Type fonts embedding
- Compression

Print any XML document

Unlike many other formatters PDFreactor can print almost any XML document. Authors and publishers are able to typeset and print documents written in XHTML/HTML or one of the many XML-based document formats. PDFreactor supports DTDs and XML-Schema, allowing the print of documents with extensive illustrations and layouts. Automatic DOCTYPE

and encoding detection is also supported.

Integration

Flexible and quick integration

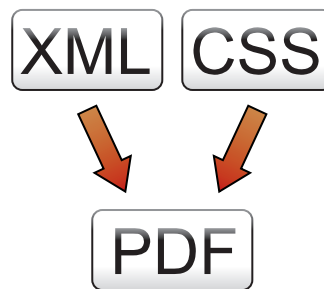
PDFReactor is easy to integrate into Servlets, EJB, Java Web Services and can also be used from PHP, ASP.NET and other scripting languages. A PDFReactor Enterprise Edition with direct support for J2EE Application Servers (e.g. Sun Java Application Server, BEA WebLogic, IBM WebSphere) will be available soon.

You can either use the Command Line Interface or easily integrate PDFReactor into your Servlets, EJB or Web Service by using the comprehensive Java API. PDFReactor can be directly called from Java and Apache Ant, which e.g. allows the automatic generation of documents (manuals, user guidelines etc.) during an automated software built process.

In the simplest case you only have to specify and input and output file to generate a PDF document. It is also possible to use the operating system's standard input (stdin) and output (stdout) streams to read and write content. This is especially useful when using PDFReactor with server-side scripting languages such as PHP.

PDFReactor is provided as a single Java library including all necessary dependencies. Thus it can conveniently be

used on the Command Line using its powerful Command Line API or can directly be integrated into Java server applications using the Java API. It also includes high-performance .NET and PHP APIs. The installation package comes with a comprehensive integration manual in PDF and HTML format.



You do not have to master the complexities of XSL syntax and programming. CSS is widely used and has become very popular on the Web. It is easy to learn, simple to use and offers the flexibility to style the most common document layouts.

Comprehensive sample documents and live demonstrations

RealObjects provides a collection of comprehensive sample documents and interactive live demonstrations to help in evaluations and assist in development. These demos show how a simple declarative Cascading Style Sheet (CSS) with selected styles and layout options can be used to easily convert XML, XHTML/HTML or even legacy HTML Web content into superb PDF. Some

demos also include a XSLT style sheet, which is supported through PDFReactor's built-in support for XSLT processing.

Apart from the interactive live demonstrations, all sample documents are included in the PDFReactor GUI Demo application, which is part of every PDFReactor installation/ trial package.

User-friendly PDFReactor GUI Demo application

The PDFReactor installation/trial package comes with a user-friendly GUI Demo application, which is for testing purposes only. It allows you to easily and quickly experience PDFReactor's XML and XHTML/HTML printing capabilities.

Apart from the interactive live demonstrations, the PDFReactor GUI Demo application includes various sample documents. It offers a browser like WYSIWYG view as well as a single and double page PDF preview. You can directly create a PDF document and save it to your computer.

The document's source code and inline style sheets (used in some documents) can be modified in order to experience the styling-based processing model of CSS. Style sheets and advanced properties of all documents are exposed in separate views as well.

Websites

- <http://www.realobjects.com>